

**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled PHOTONIC CRYSTAL OPTICAL WAVEGUIDES HAVING TAILORED DISPERSION PROFILES, the specification of which:

☒ is attached hereto.

☐ was filed on \_ as Application Serial No. \_ and was amended on \_\_\_\_\_.

☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e)(1) of any United States provisional application(s) listed below:

<u>U.S. Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
60/264,201	January 25, 2001	Pending
60/264,775	January 29, 2001	Pending
60/265,051	January 30, 2001	Pending
60/268,793	February 14, 2001	Pending
60/337,603	November 8, 2001	Pending

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Eric L. Prah, Reg. No. 32,590

Frank R. Occhiuti, Reg. No. 35,306

Timothy A. French, Reg. No. 30,175

Sean P. Daley, Reg. No. 40,978.

John F. Hayden, Reg. No. 37,640

Address all telephone calls to ERIC L. PRAHL at telephone number (617) 542-5070.

Address all correspondence to ERIC L. PRAHL at:

FISH & RICHARDSON P.C.

225 Franklin Street

Boston, Massachusetts 02110-2804

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

2005-04-10 10:57:40 -0400

**Combined Declaration and Power of Attorney**

Page 2 of 3 Pages

Full Name of Inventor: STEVEN G. JOHNSON

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Cambridge, MA  
Citizenship: United States of America  
Post Office Address: 305 Memorial Drive, #404B  
Cambridge, MA 02139

Full Name of Inventor: MIHAI IBANESCU

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Cambridge, MA  
Citizenship: Romania  
Post Office Address: 305 Memorial Drive, #615-B  
Cambridge, MA 02139

Full Name of Inventor: ORI WEISBERG

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Cambridge, MA  
Citizenship: United States of America  
Post Office Address: 195 Binney Street, Apt. 4411  
Cambridge, MA 02142

Full Name of Inventor: YOEL FINK

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Cambridge, MA  
Citizenship: United States of America  
Post Office Address: 100 Memorial Drive, #8-13B  
Cambridge, MA 02142

Full Name of Inventor: JOHN D. JOANNOPOLOUS

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Belmont, MA  
Citizenship: United States of America  
Post Office Address: 64 Douglas Road  
Belmont, MA 02478

10057440-012501

**Combined Declaration and Power of Attorney**

Page 3 of 3 Pages

Full Name of Inventor: MAKSIM SKOROBOGATY

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Brighton, MA  
Citizenship: Russia  
Post Office Address: 116 Washington Street, #63  
Brighton, MA 02135

Full Name of Inventor: TORHEL ENGENSES

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Somerville, MA  
Citizenship: Norway  
Post Office Address: 48 Concord Avenue, #1  
Somerville, MA 02143

Full Name of Inventor: MARIN SOLJACIC

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Somerville, MA  
Citizenship: Croatian  
Post Office Address: 67 Fairfax Street  
Somerville, MA 02144

Full Name of Inventor: STEVEN A. JACOBS

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence Address: Needham, MA  
Citizenship: United States of America  
Post Office Address: 249 Warren Street  
Needham, MA 02492

20378677.doc

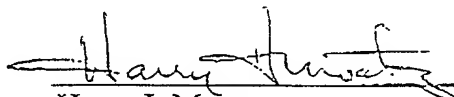
BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATE PATENT AND TRADEMARK OFFICE

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Marc M. Wefers is hereby given limited recognition under 37 CFR §10.9(b) as an employee of Fish & Richardson P.C., to prepare and prosecute patent applications wherein the patent applicant is the client of Fish & Richardson P.C. and the attorney or agent of record in the applications is a registered practitioner who is a member of Fish & Richardson P.C. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Marc M. Wefers ceases to lawfully reside in the United States, (ii) Marc M. Wefers' employment with Fish & Richardson P.C. ceases or is terminated, or (iii) Marc M. Wefers ceases to remain or reside in the United States on an H-1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office

Expires: January 7, 2003



Harry I. Moatz  
Director of Enrollment and Discipline

205210-04425001